

REMARKS

This is in response to the Office Action mailed on December 1, 2005, and the references cited therewith.

Claims 1-28 have been cancelled. New claims 30-43 have been added. Claims 29-43 are now pending in this application.

Double Patenting Rejection

Claims 1-6 and 8-29 were rejected under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-6 and 8-29 of copending Application No. 10/750,222. Claims 1-28 have been cancelled without prejudice. Claim 29 in the co-pending application was also cancelled in response to a restriction requirement.

§112 Rejection of the Claims

Claim 7 was rejected under 35 USC § 112, because Claim 7 recites the limitation "the known events" in line 1. Claim 7 has been cancelled.

§102 Rejection of the Claims

Claims 1-28 were rejected under 35 USC § 102(e) as being anticipated by Qin et al. (US 6,594,620). This rejection is believed moot in view of the cancellation of the claims. Applicant may continue to pursue the claims in the co-pending application.

Allowable Subject Matter

Claim 29 was indicated to be allowable over the prior art of record because the prior art does not suggest or disclose the claimed combination as recited in the claim.

Additional dependent claims have been added, as well as a system claim expressed in means plus function language. The new claims are believed to be allowable for at least the same reasons as claim 29.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 10/826,614

Filing Date: April 16, 2004

Title: PRINCIPLE COMPONENT ANALYSIS BASED FAULT CLASSIFICATION

Page 6

Dkt: H0005848 US CIP 1

Conclusion

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6972 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

VALERIE GURALNIK ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6972

Date 3-1-2006

By

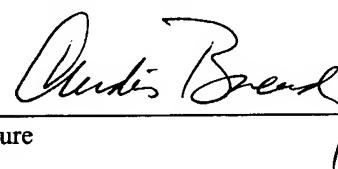


Bradley A. Forrest
Reg. No. 30,837

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 1st day of March, 2006.

CANDIS BUENDING

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